

ABSTRACT

A pushback cart storage system includes a cart having a first pair of wheels located at a front end of the cart, and a second pair of wheels located between a rear end of the cart and a midpoint of the cart. The wheels roll along rails on a storage rack or frame. The second pair of wheels is located closer to the midpoint than to the rear end of the cart, such that the rear end of the cart extends beyond the end of the rails when the second pair of wheels are rolled to the end of the rails. Accordingly, less steel, or other material, is required to construct the rails of the storage rack, which reduces the overall cost and weight of the system, while allowing the system to support the same number of pallets as a conventional system.